



# HTC myTouch 3G Trackball Replacement

This guide will deal with the repair of a faulty trackball, either by cleaning or replacing.

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## INTRODUCTION

This guide will require you to unfasten a screw that is labeled with a *VOID* sticker. Doing so, would void any warranty on the phone.



### TOOLS:

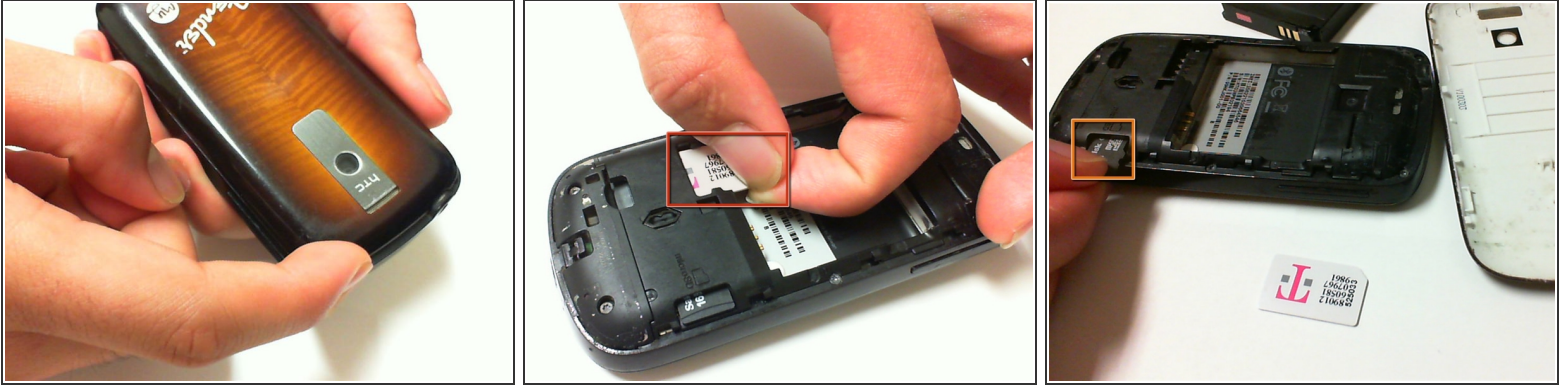
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [T5 Torx Screwdriver](#) (1)



### PARTS:

- [HTC myTouch 3G trackball](#) (1)

## Step 1 — Trackball



- Slide the back cover down to remove
- Remove the battery and the SIM card by pulling both of them out.
- Locate SD card on the bottom right. Press in to eject it.

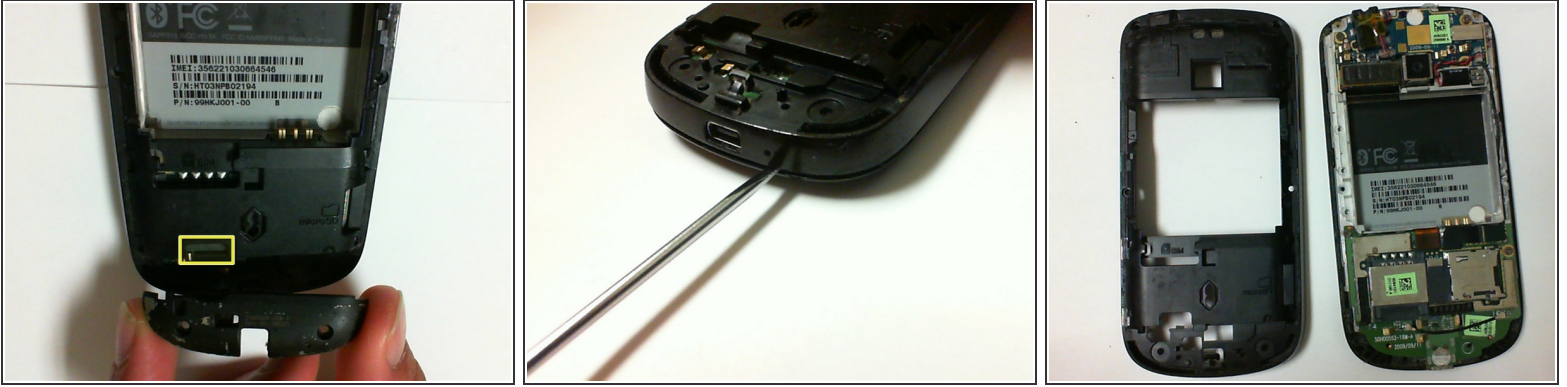
## Step 2



- Remove the four 6-mm Torx screws in the corners of the phone and set them aside
  - Remove the middle two screws are 4-mm Torx screws and set aside, separate from the 6-mm screws.
- i* Be sure to use proper placement of screws during reassembly.

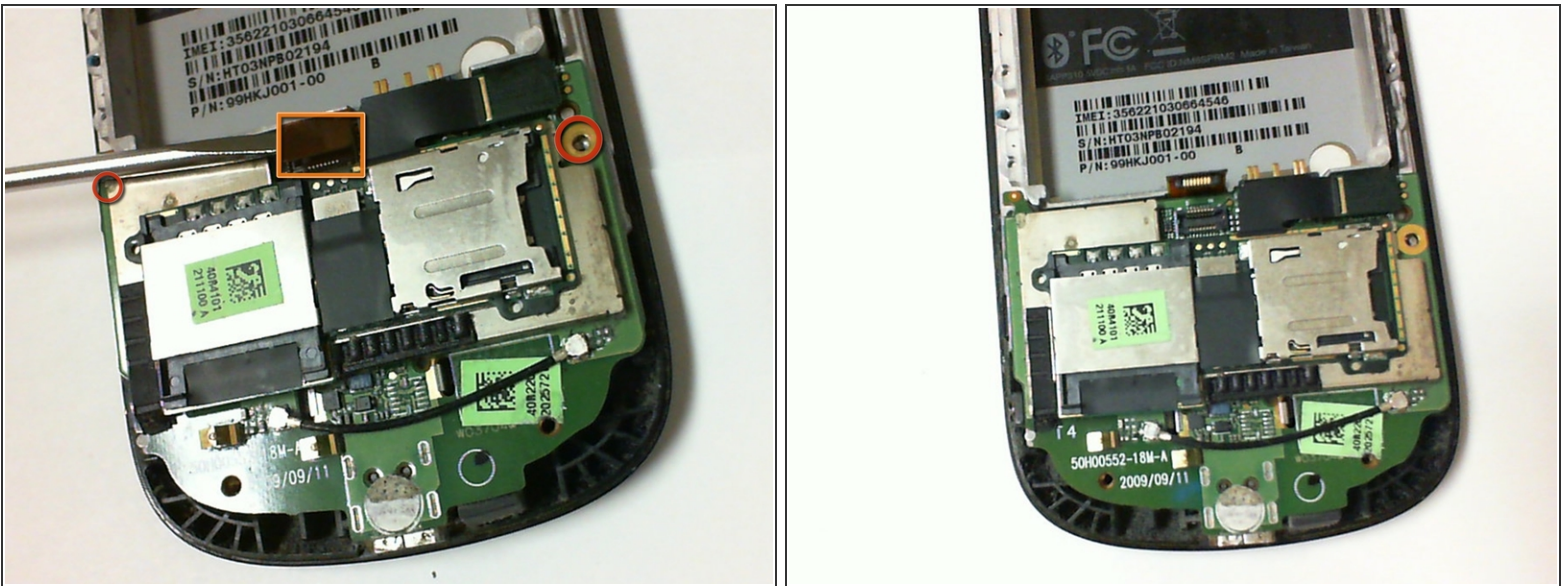


## Step 3



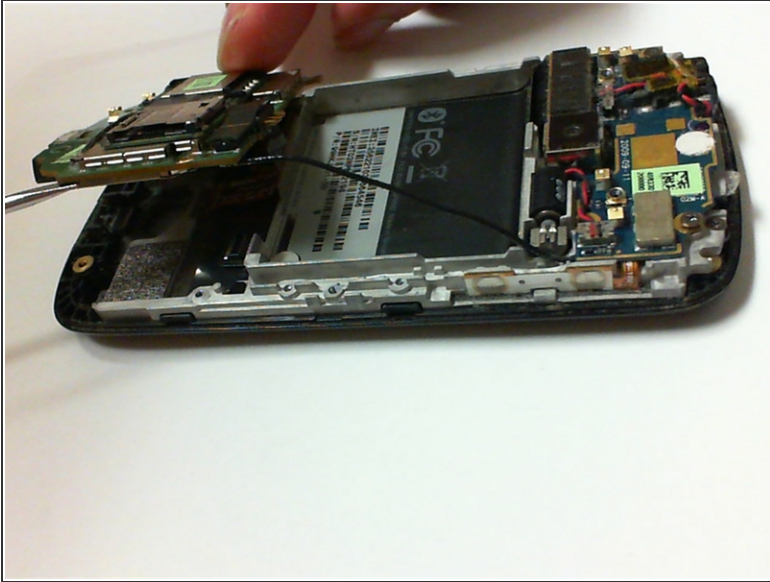
- Use your finger or a removal tool to remove the antenna cover and antenna component from the bottom of the phone.
- Using your fingernail or a removal tool, slide along the edge of the phone to loosen and remove the back plate.

## Step 4




- Remove the two phillips head 3-mm screws located on the bottom circuit board, as indicated in the picture.
- Locate the small ribbon cable, just below the serial number barcode. Use a safe removal tool or precision flathead to gently detach the cable.

## Step 5




- Lift up the circuit board slowly from the right and continue to raise the right side up until a noticeable tug underneath the circuit board disappears.

 Make sure the two ribbon cables underneath the circuit board come off during motion. The two ribbon cables cause the tug underneath the circuit board.

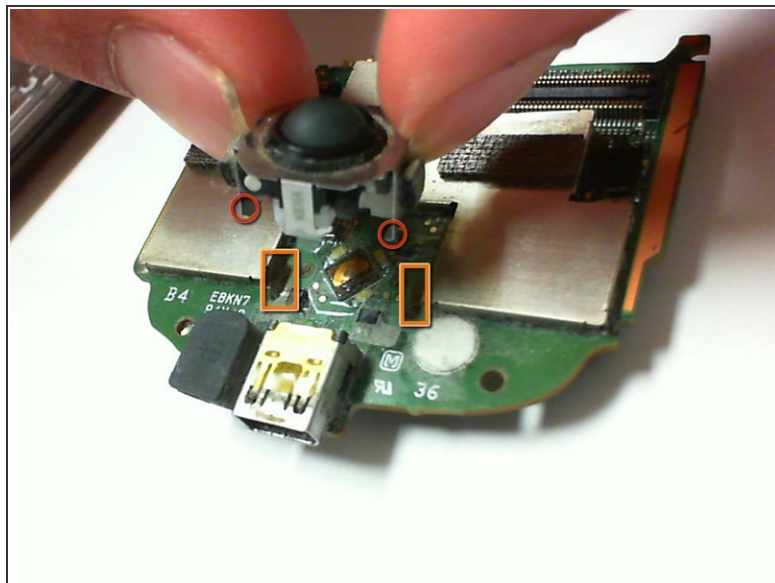
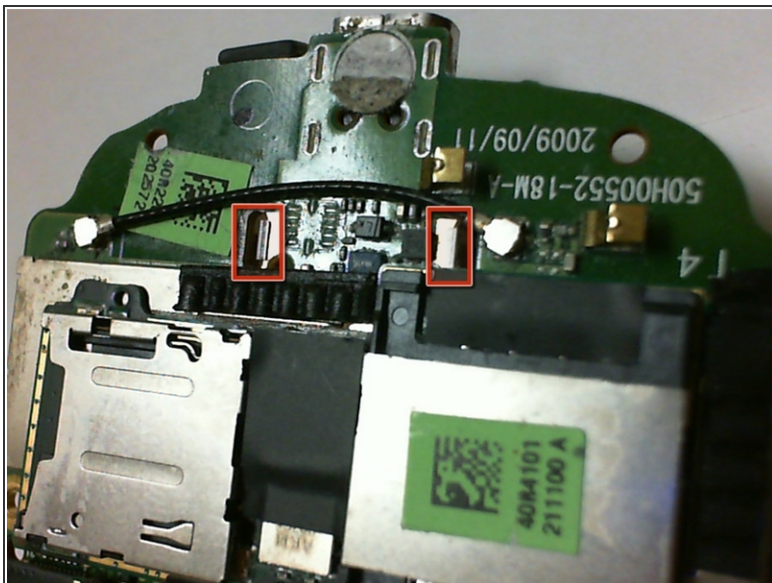
## Step 6



- The ball should be exposed on the other side of the circuit board.
- If you want to clean the ball, use an air duster and gently spray the ball. Keep a distance of 2-4 inches between the duster and ball.
-  You may reassemble at this point if you are not replacing the trackball. If you are replacing the trackball, skip previous bullet and move on to Step 7.

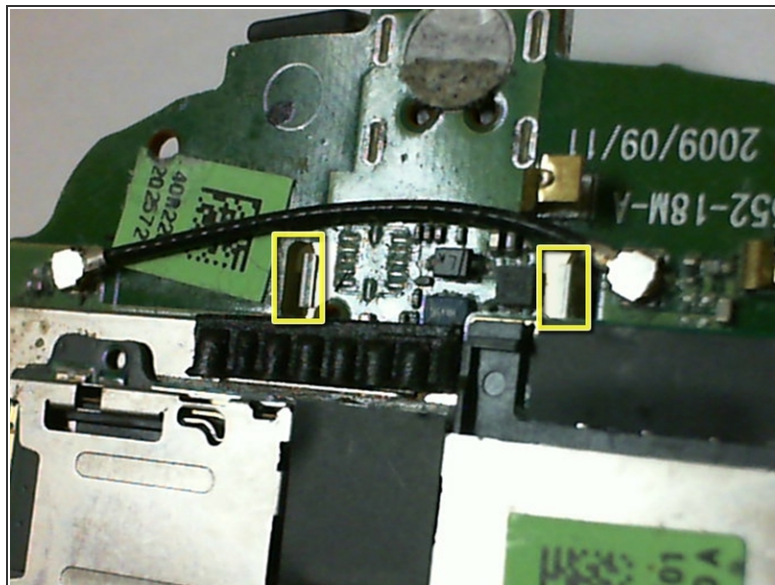
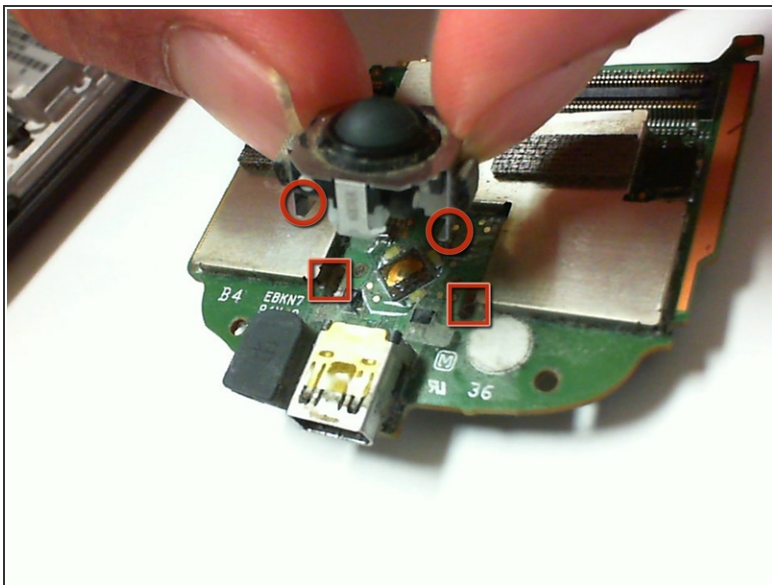


## Step 7



- To remove the ball, flip the circuit board over face down, and find the two prongs as indicated.
- Use a precision flathead screwdriver to dislodge the prongs from the circuit board and push the prongs through the slots. The trackball should fall out from underneath.

## Step 8



- Insert new trackball by guiding the prongs through the slots on the circuit board.
- Once inside the slots, press down softly to ensure the trackball is secure.
- Verify the prongs are latched through the circuit board.

To reassemble your device, follow these instructions in reverse order.

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